CloudSim plus: a cloud computing simulation framework pursuing software engineering principles for improved modularity, extensibility and correctness
MC Silva Filho, RL Oliveira, CC Monteiro… - 2017 IFIP/IEEE …, 2017 - ieeexplore.ieee.org
… This work presents **CloudSim Plus**, an open source simulation framework that pursues … This work shows the benefits of **CloudSim Plus**, its particular features, how it ensures more …
☆ Guardar 99 Citar Citado por 174 Artigos relacionados Todas as 6 versões

A comprehensive review of load balancing techniques in cloud computing and their simulation with **cloudsim plus**
S Narang, P Goswami, A Jain - Recent Advances in Computer …, 2021 - ingentaconnect.com
… All simulations in this study were performed using **CloudSim Plus**, a fork of CloudSim 3. **CloudSim Plus** is Java 8 compatible, which enables writing more concise code using lambda …
☆ Guardar 99 Citar Citado por 1 Artigos relacionados Todas as 2 versões

Power aware energy efficient virtual machine **migration** (PAEEVMM) in cloud computing
T Kaur, A Kumar - High Performance Computing and Networking: Select …, 2022 - Springer
… The simulation is performed on **CloudSim Plus** and results are compared with other traditional first fit algorithm. The experiment shows that the proposed algorithm works better in terms …
☆ Guardar 99 Citar Citado por 1 Artigos relacionados Todas as 3 versões

A Distributed Virtual-Machine Placement and **Migration** Approach Based on Modern Portfolio Theory
F MCdS, M CdC, PRM Inácio, MM Freire - 2023 - europepmc.org
… Extensive simulation experiments were conducted using **CloudSim Plus**, relying on synthetic data, PlanetLab and Google Cluster traces. Results show that the proposal is highly …
☆ Guardar 99 Citar Artigos relacionados Todas as 2 versões »

A Distributed Virtual-Machine Placement and **Migration** Approach Based on Modern Portfolio Theory
M Campos da Silva Filho, CC Monteiro… - Available at SSRN … - papers.ssrn.com
… **CloudSim Plus**, our open source cloud computing simulation framework [35], available at https://cloudsimplus.org. **CloudSim Plus** … **CloudSim Plus** is a completely re-engineered project …
☆ Guardar 99 Citar Artigos relacionados »

VM **Migration** and Resource Management using Meta Heuristic Technique in Cloud Computing Services
A Kumar, R Devi - 2023 International Conference on Distributed …, 2023 - ieeexplore.ieee.org
… As indicated in the second stage, a technique to identify overload and load balance hosts based on anomalies is necessary for VM **migration**. **CloudSim Plus** Simulator simulation …
☆ Guardar 99 Citar Citado por 1 Artigos relacionados

A Distributed Virtual-Machine Placement and **Migration** Approach Based on Modern Portfolio Theory
MC Silva Filho, CC Monteiro, PRM Inácio… - Journal of Network and …, 2024 - Springer
… **CloudSim Plus**, our open source cloud computing simulation framework [36], available at https://cloudsimplus.org. **CloudSim Plus** … **CloudSim Plus** is a completely re-engineered project …
☆ Guardar 99 Citar Citado por 2 Artigos relacionados Todas as 4 versões

A systematic parameter analysis of cloud simulation tools in cloud computing environments
MA Shahid, MM Alam, MM Su'ud - Applied Sciences, 2023 - mdpi.com
… [7], **CloudSim Plus**, an object-oriented simulation application that is an extension of CloudSim, was proposed as free software. The **CloudSim Plus** API is … to the VM **migration** policy. The …
☆ Guardar 99 Citar Citado por 5 Artigos relacionados Todas as 5 versões »

Exploiting SLAs through Application of Economic Analysis on Datacenters' Autonomic Management

EL Falcão, LM Cavalcante, RV Falcão… - Anais do XXXVIII …, 2020 - sol.sbc.org.br

… for **migration** any VM v with time credit lesser than or equal to the average **migration** time …
In **CloudSim Plus**, a datacenter is comprised of a set of hosts, that in our case can be RM or …

☆ Guardar 99 Citar Artigos relacionados Todas as 4 versões »

Epcsac-extensible platform for cloud scheduling algorithm comparison

TJT Junior, S Bruschi - Anais Estendidos do XXI Simpósio em …, 2020 - sol.sbc.org.br

… 1 and the **CloudSim Plus** was the … **CloudSim Plus** using Maven, to generate the .jar file needed for the simulation to run. Then, this script will also use the built-in script of **CloudSim Plus** …

☆ Guardar 99 Citar Citado por 7 Artigos relacionados Todas as 3 versões »